

Title (en)
Isotonic/elastic touch-sensitive input device

Title (de)
Isotonisches/elastisches berührungsempfindliches Eingabegerät

Title (fr)
Dispositif d'entrée tactile isotonique/élastique

Publication
EP 2045697 A1 20090408 (EN)

Application
EP 07370020 A 20071005

Priority
EP 07370020 A 20071005

Abstract (en)
The input device (1) comprises a touch-sensitive surface (10a) forming at least one isotonic input area and elastic abutment means (11) forming at least one passive elastic input area that is adjacent to the isotonic input area. A position control is performed in the isotonic input area and a rate control is performed in the elastic area.

IPC 8 full level
G06F 3/041 (2006.01)

CPC (source: EP US)
G06F 3/03547 (2013.01 - EP US); **G06F 3/038** (2013.01 - EP US)

Citation (search report)
• [X] EP 1720092 A1 20061108 - UNIV LILLE SCIENCES TECH [FR]
• [AD] DOMINJON L ET AL: "The Bubble Technique: Interacting with Large Virtual Environments Using Haptic Devices with Limited Workspace", HAPTIC INTERFACES FOR VIRTUAL ENVIRONMENT AND TELEOPERATOR SYSTEMS, 2005. WHC 2005. FIRST JOINT EUROHAPTICS CONFERENCE AND SYMPOSIUM ON PISA, ITALY 18-20 MARCH 2005, PISCATAWAY, NJ, USA,IEEE, 18 March 2005 (2005-03-18), pages 639 - 640, XP010781897, ISBN: 0-7695-2310-2

Designated contracting state (EPC)
DE FR GB

Designated extension state (EPC)
AL BA HR MK RS

DOCDB simple family (publication)
EP 2045697 A1 20090408; CA 2700902 A1 20090409; US 2010214242 A1 20100826; WO 2009043591 A1 20090409; WO 2009043591 A8 20100610

DOCDB simple family (application)
EP 07370020 A 20071005; CA 2700902 A 20081003; EP 2008008397 W 20081003; US 68132508 A 20081003